

Children's Newspaper

Every Wednesday—Fourpence

20th May, 1961

PROGRESS OF A CAVEMAN

Success all the way for Lionel Bart

On Saturday, Lionel Bart will be presented with two Ivor Novello Awards—for the outstanding score of a TV, stage, or radio production, and for the best-selling and most performed work. His musical, *Oliver!*, is drawing packed audiences in London's West End. He is also preparing another—even bigger—presentation for the London stage. In the "pop" world, his songs feature regularly in the Top Ten.

It has taken Lionel Bart only five years to become one of the most successful men in British show business. This is the story of those five years.

LIONEL BART was demobbed from the R.A.F. in the Summer of 1956. He was 25, anxious for a career in show business, but with little idea of how to achieve it. Opportunity knocked when he became friendly with a promising 18-year-old performer named Tommy Steele.

They joined two other enthusiasts and formed a skiffle group which performed nightly in the



Lionel Bart

basement of a Soho coffee bar. They called themselves The Cavemen, and Bart played washboard.

Fortunately, his efforts didn't end there. Though he could neither read nor write music, he soon found he had a flair for song-writing. He found a young partner, Michael Pratt. Tommy Steele rose to fame singing the numbers they wrote. *Handful of Songs*, *Rock With The Caveman*, *Butterfingers*, *Little White Bull*—these were just a few of them.

Early in 1959, by which time Lionel Bart had built a solid reputation, came an event which was to boost his career still further. He had been signed to write the music for a film. One part was for a young beat singer, and Bart was asked if he knew

anyone suitable. He suggested a promising newcomer by the name of—Cliff Richard.

In the film, Cliff sang *Living Doll*, the disc of which headed the Top Ten for many weeks—and earned Lionel Bart over £10,000 in royalties. It was plain he could earn vast sums for many years to come just by writing pop songs.

But his ambitions had also turned to the theatre. Here, too, he was to have huge success, firstly with *Fings Ain't Wot They Used T'Be* and then with *Oliver!* (for which he is to get an Ivor Novello Award on Saturday). This musical version of *Oliver Twist* opened in London last Summer, and is still keeping the box office busy. It is being staged on Broadway. Huge offers have been made for the film rights.

New musical

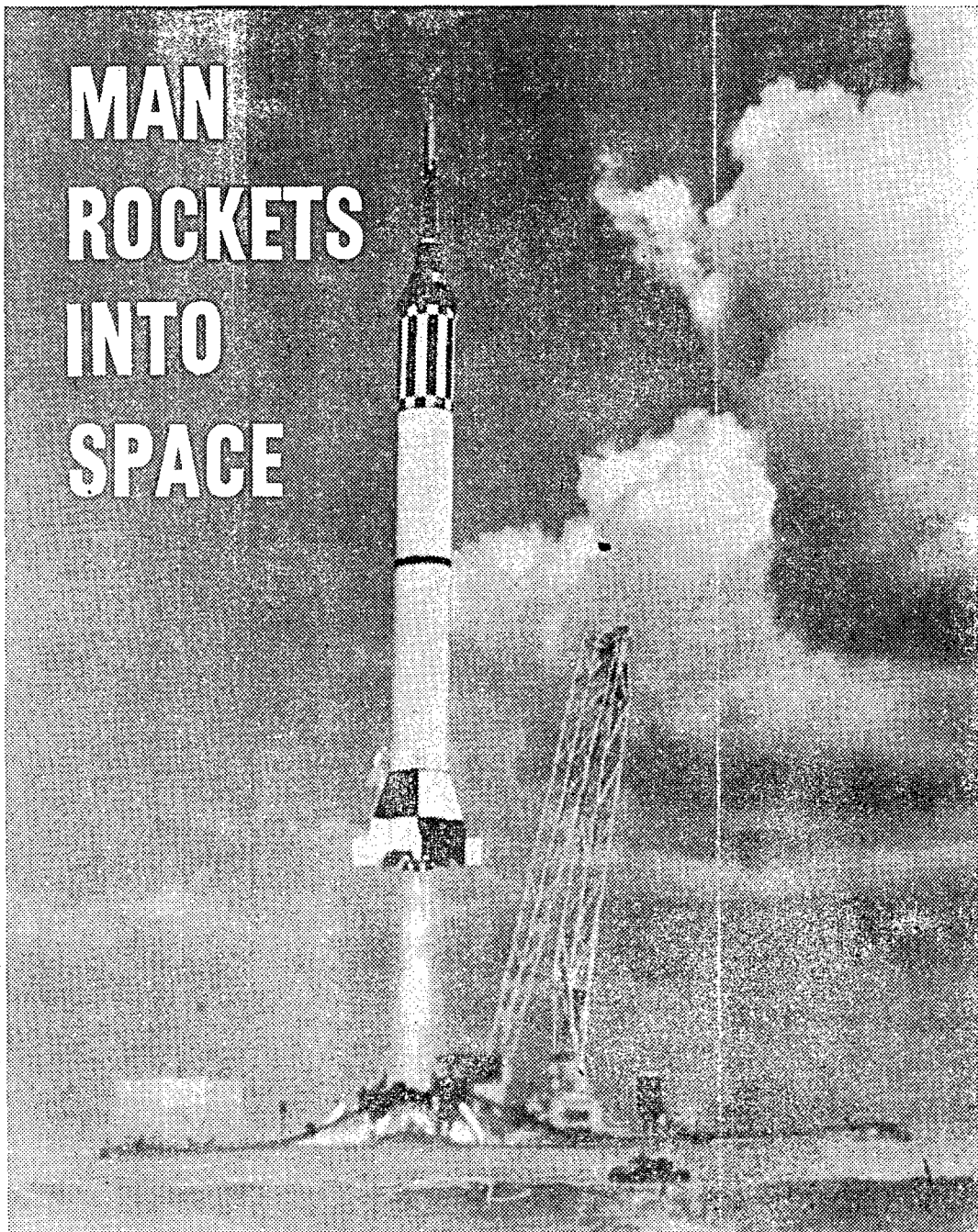
Later this year another of Bart's shows will open in the West End. Called *Blitz*, it is set in a wartime underground shelter. Bart (born and bred in the famous Petticoat Lane in the East End of London) describes it as "a Cockney folk opera."

Meantime, his Hit Parade successes have continued. The Max Bygraves recording of *Fings* and Shirley Bassey's *As Long As He Needs Me* (the second Ivor Novello award winner) both reached the Top Ten. He also wrote hit songs for Anthony Newley, Mark Wynter, and Adam Faith.

Despite his quickly-won fame and wealth, Bart remains a quiet, unassuming man. He says, "I have met quite a few famous people who are interesting. But then I meet interesting people in all walks of life—particularly some of the colourful characters in the place where I was born!"

DICK TATHAM

MAN ROCKETS INTO SPACE



With a white flame of power the Mercury Redstone rocket leaves the launching pad at Cape Canaveral for the first American space flight. Alan Shepard is in the black capsule on top. Above the capsule is the emergency escape rocket. (See pages 6 and 7)

Dr Hippocrates of Cos

Hippocrates, who is known as the Father of Medicine, was born about the year 460 B.C. on the Greek island of Cos. And it is on this island, to honour the great man's memory, that an International Institute is to be built as a centre for medical studies and a hostel for doctors from all over the world.

The first man to practise medicine on scientific lines, Hippocrates is chiefly remembered today for the Hippocratic Oath in which he laid down the duties of a doctor to his patients.

SCOUT GOLD-DIGGERS

A party of 450 Australian Boy Scouts dressed like early gold-diggers recently went off to the mountains of central Victoria and there got busy with their pickaxes. They were taking part in a contest to prove their geological knowledge and their ability to live under the primitive goldrush conditions of a century ago and more.

They emerged with flying colours—and £10-worth of gold.

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Press-button mine

Half a mile underground, between Hanover and Gottingen, is Germany's first fully automatic mine, now producing over 2,000 tons of potassium a day.

In this press-button wonderland, technicians in white with coloured helmets go about their duties on cycles or motor cycles, riding along a network of brilliantly lighted roads cut deep down in the solid rock. Some of the roads are 15 miles long, and have traffic signals.

Before the mine was converted to automation, at a cost of £7,000,000, it employed thousands of miners. Now there are only 140

men on a shift, and not one of them is ever seen working with a pick or pushing a truck. Most of them, indeed, are there to operate complex automatic rail systems, conveyor belts, and machinery. One man, for instance, controls a huge £100,000 drill that does the work of a whole gang of miners.

It is all done by automation. In the mine's nerve-centre the duty engineer supervises the work of the whole mine on two TV screens—master of a vast mechanical underground city that a few years ago would have belonged only to the realm of science fiction.

CQD—First radio distress call

Peterborough Museum has received a gift of medals won by Jack Binns, first radio operator to send out a distress call from a ship at sea.

On 23rd January, 1909, John Robinson Binns, a young Peterborough man, was the Marconi radio operator on the transatlantic liner *Republic* when she was

rammed in thick fog by the Italian liner *Florida*, not far from New York. Binns sent out the first radio distress signal—in those days CQD—to bring about a rescue at sea, and his courage and devotion to duty on that occasion resulted in the saving of nearly 2,000 lives. In his will he left his medals to his native city.

Best wishes to Jordan's young King

By the CN Diplomatic Correspondent

Almost eight years to the day after becoming Ruler of Jordan, 25-year-old Hussein Ibn Talal, descendant of the Muslim prophet Mohammed, announced his betrothal to an English girl, Miss Toni Gardiner, of Ipswich, whose soldier-father is a British military adviser in Jordan.

Miss Gardiner has embraced the Muslim faith and taken the name of Muna el Hussein (Hussein's Wish).

Those who know the brave young monarch hope the dark years of sadness and danger which have dogged him from the start will now give place to a long era of happiness and prosperity.

KING HUSSEIN inherited a threatened throne. As a schoolboy of 16 he was walking behind his grandfather, 69-year-old King Abdullah, to a mosque in Jerusalem's Old City when there was a shot and the old king fell dead at his feet, victim of an assassin's bullet.

That was in July, 1951. Since then Hussein has been a target for treachery and plots. In 1958, when his young 'cousin, King Feisal II, and the Royal family of neighbouring Iraq were all killed, Baghdad radio called on the Jordanian people to revolt against Hussein. Only last August his own Prime Minister, Hazza Majali, was assassinated in Amman, the Jordan capital.

Passion for speed

But the young King, who leads his famous Arab Legion, has a tough and unconquerable spirit. We read of him piloting some of the world's fastest aircraft, or of driving 150 m.p.h. sports cars. He speeds dizzily around a "kart" track in Amman.

But this "dangerous living" is balanced by acts of real humanity. Hussein is not only dedicated to the service of his poor, struggling country, which has a population of almost 1,600,000, but he lives up to his motto of Service before Self.

For instance, he discovered that a young Arab boy had been blinded by a gunshot in a village near Bethlehem. He sent the boy,

Nabeel Odeh, to London for specialist treatment. Today, at the age of 12, Nabeel can see again.

Last year Hussein organised an essay competition for which the prize was a month's stay at a Jordan youth camp. The prize was won by a Scottish engineering apprentice.

At school in England

Hussein is young in heart but old in wisdom. When his grandfather was murdered and was succeeded by Hussein's father, King Talal, young Hussein was sent to Harrow, the famous public school whose distinguished "old boy," Sir Winston Churchill, was one of the statesmen who created the modern State of Jordan. Hussein recalls how he used to clean his own room, make his bed, polish his shoes, and press his clothes.

His father, Talal, was a sick man and soon abdicated in favour of his young son. On 2nd May, 1953, Hussein ascended the throne. He was only 17 and while a regency council looked after Jordan, the young King spent six months in military training at Sandhurst. His fellow-cadets called him "Hus".

The King's devotion to the British way of life is no accident. Britain made Jordan as we know it today, and in creating it also placed on the throne the ancient Hashimite dynasty from which Mohammed himself sprang. The tragedies which have dogged Hussein were due to history and politics, not to any personal dislike of the King.

Land of the Bible

Jordan includes most of the land of the Bible, and is named after the winding river which flows into the Dead Sea. Here are Jerusalem (part in Jordan and part in Israel), Bethlehem, birthplace of Jesus, and the ancient lands of Moab and Gilead.

During the 1914-18 war, when the territory was under Turkish rule, the British soldier Lawrence of Arabia, led the Arabs in a revolt. When Turkey was defeated the Allies created the present pattern of Arab countries. It was with British help that Hussein's grandfather, Abdullah, was made King of Jordan.

For some years Jordan—one of the few Arab countries which do not produce money-making oil—has been coveted by her Arab



King Hussein of Jordan

neighbours because of her strategic position.

She has also been plagued by the hostility of Arabs in general to the new State of Israel, created on 14th May, 1948, as a national home for the Jews in the area once called Palestine. Half a million of the Arab refugees who fled from Israel live in Jordan, and add to the young King's responsibilities.

Perhaps his coming marriage to an English girl is the dawn of better times for Hussein. His British friends fervently hope so.

NEWS FROM EVERYWHERE

The R.S.P.C.A. offers £50 for the best suggestion for reducing road accidents to animals in the New Forest.

HEAVY ON FUEL

A 1901 steam car completed the 102-mile course in a veteran car rally at Adelaide—accompanied by another vehicle carrying three 44-gallon drums of water.

A chair shaped like a rocket cone is to be presented to Commander Alan Shepard by the New Zealand-American Society.

A new vaccine against foot-and-mouth disease, developed by British scientists, will be sold to farmers all over the world.

FOXING THE FOX

The Scottish lambing season is in full swing—as is well known to the foxes. To keep these arch-enemies at bay, hurricane lamps hanging from long poles are placed around the farms. They swing in the night wind, thus giving Reynard the impression that the lamps are being carried by men. So he steers clear.

Scotland's sheep population now amounts to seven millions.

Canada is to sell more grain to China, an agreement having been signed for about £130,000,000-worth of wheat and barley.

The skeleton of a man 6 feet 10 inches tall, believed to be an Anglo-Saxon, has been found at Burgh Castle, Suffolk.

A member of the R.S.P.C.A. climbed 80 feet above traffic to rescue a pigeon entangled in threads on a London viaduct.

HALF-CROWN BOAT

A Hull joiner who bought an old boat from British Railways for 2s. 6d. as "firewood," fitted an outboard motor and sailed his craft 23 miles down the Humber from Goole to his home town.

THEY SAY . . .

To keep it great, this country needs a little of the zeal of the Crusader, and a little of the backbone of the Puritan.

Viscount Hailsham

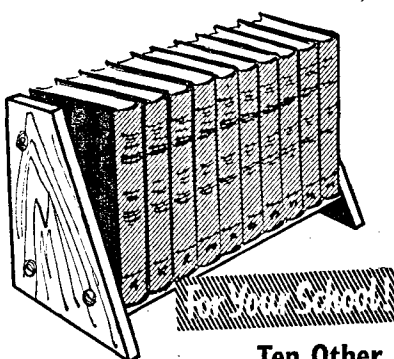
SCIENCE has made us neighbours; let goodwill keep us friends.

End of Goodwill Message of the Children of Wales to the Children of the World.

THIS WEEK'S COMPETITION FOR SCHOOLBOYS AND SCHOOLGIRLS

A 10-VOLUME SET OF THE CHILDREN'S ENCYCLOPEDIA

AND A COMPLETE SPORTS OUTFIT OFFERED AS A DOUBLE PRIZE IN THIS FREE CONTEST



Ten Other Prizes To Be Won! Enter NOW!

HERE is the fourth of CN's new series of complete-in-one-week competitions—open to all under 17 and at school in Great Britain, Northern Ireland and the Channel Islands—in which you can win A PRIZE FOR YOURSELF AND A PRIZE FOR YOUR SCHOOL! The winner will gain a 10-volume set of Arthur Mee's famous *Children's Encyclopedia* for his or her school and a complete SPORTS OUTFIT as a personal prize; a cricket, tennis or football outfit, including bat, racket or football. Ten other prizes of 10s. 6d. Book Tokens will be awarded to the runners-up.

THE COMPETITION: In the drawing on the right, various sports and games are being played—but the artist has made ONE DELIBERATE MISTAKE in each of the little pictures. You are asked to name the item which is incorrect or does not belong in the particular sport concerned.

Make a neat, numbered list of the eight incorrect items on a postcard and include your name, age, and address—plus the name and address of your school. The Free Entry token shown in the bottom right corner below must be cut out and stuck to the postcard.

Please ask your parent, guardian, or teacher to sign the card as being all your own work, then post it (2½d. stamp) to:

C.N. Sports,
3 Pilgrim Street,
London, E.C.4. (Comp.)

to reach this office by Monday, 29th May.

The prizes will be awarded for the entries which are correct and the best-written according to age. The Editor's decision is final.



Attach this token to your entry. CLOSING DATE: 29th May.

Free entry to CN COMPETITION

HUSKY PUPS



A Whipsnade hostess shows off three handsome pups recently born to Trixie, a pet husky at the Zoo.

Highland welcome to Skye

How would you like to be invited to tea with the chief of a Scottish clan in an ancient Highland castle? That is only one of the many attractions which await all tourists who travel "over the sea to Skye" during the annual Skye Week to be held this year from 19th to 26th May.

Skye Week was instituted in 1950 to lengthen the island's tourist season which before then never started till the middle of June; and to judge from the increasing number of visitors who travel North to take part in the many activities it offers, the experiment has been highly successful.

The week opens with an official welcome at which visitors are entertained free of charge to a traditional Highland supper of oat-cakes, scones and fresh butter, the whole followed by a programme of music, dancing and the singing of Gaelic songs.

Saturday sees the official ceremony in Portree. Then the visitors have before them a week of concerts, Highland games, piping

competitions, demonstrations of cottage crafts, and even water skiing by local experts.

Of the two highlights of the week, the first is Dunvegan Day when Dame Flora McLeod, the McLeod clan chieftain, entertains all visitors to tea at Dunvegan Castle where the clan have had their home for 700 years. Here, some of the finest pipers in Scotland play from the battlements while teams of Highland dancers give displays on the lawn below.

The second main event of the week is on Borreraig Day, when a pilgrimage is made to the site of the Clan MacCrimmon's ancient college of piping at Borreraig—a worthy tribute to the teachers of the greatest bagpipe music of all time.

CHEAP FLIGHTS FOR SCHOOLCHILDREN

Cheap flights between Blackpool and Newcastle are now available to schoolchildren. Silver City Airways will take school parties of five to 15 children at a cost of 10s. per head instead of the normal £3 9s. 6d.

Says a Northern Area spokesman of Silver City: "We believe this will open up educational flights from Lancashire and Yorkshire schools to shipyards, engineering works, coal mines, art galleries, and museums in the Newcastle area."

Expert shepherdess in the park

London's Hyde Park will see its annual sheepdog trials next Saturday and on Whit Monday.

Once again Janet Ollerenshaw, from Derbyshire, who is now 15, will be giving a demonstration of her extraordinary skill with her dogs Scott, Shep, and Wendy, which so thrilled spectators last year. Janet has herded sheep almost from the day she could walk and since her last appearance in Hyde Park has won two competitions—each for the third time.

The trials, organised by the *Daily Express* and the International Sheep Dog Society, start at 10 o'clock each morning.

FROGMEN SEEK RELICS OF VIKING RAIDS

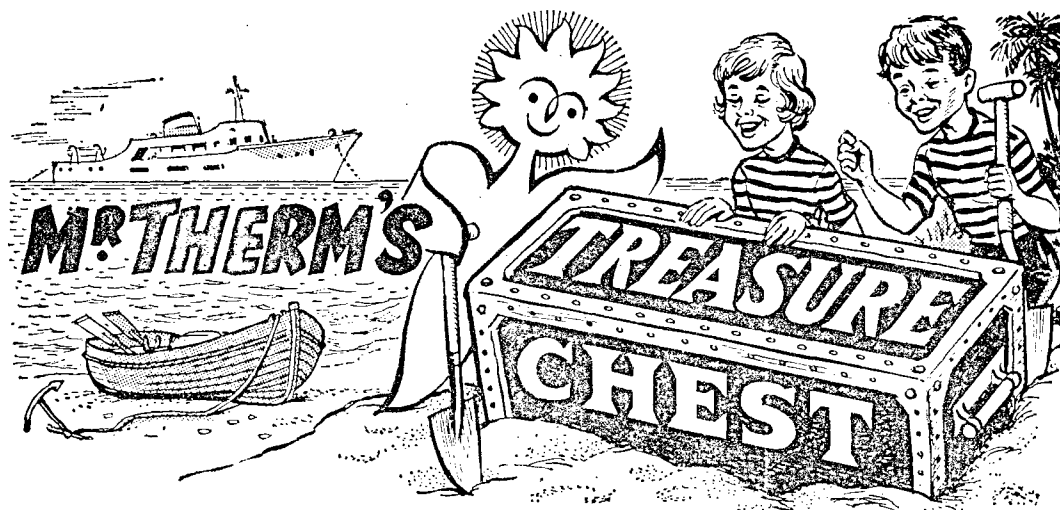
On 22nd and 23rd May some 125 frogmen will be diving into the sea off the Scottish island of Iona to try to find some of the 300 memorial stones and crosses believed to be lying on the bottom in about 70 feet of water.

Iona, in the Inner Hebrides, was the centre from which Christianity was carried to northern Britain in the sixth century. Its monastery became a place of pilgrimage

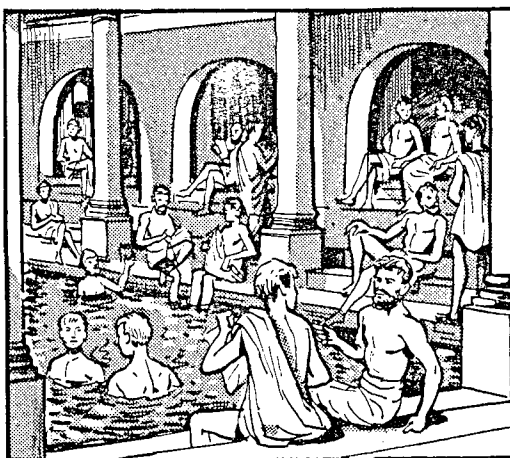
and many distinguished people were buried there.

The island was raided several times by the Vikings and it is believed that they threw many of the memorial stones into the sea.

If any of the stones are found the plan is to hoist them to the surface with the aid of buoys and then put them aboard a lobster boat. They should yield interesting information about the early days of Christianity in our island.



In this lively series we see some of Mr. Therm's Wonderful Treasures.



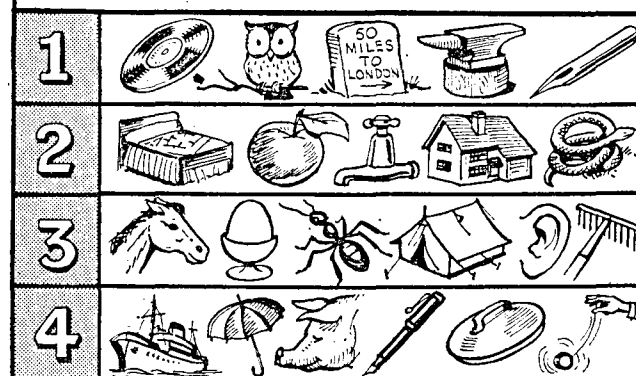
ANCIENT people were very fond of baths, and explorers have been amazed to find that the standard of plumbing in many old cities is much better than in many of our gleaming cities to-day. The Romans in particular were very keen on bathing and everywhere they went they built splendid baths as well as their famous roads. You can still see in the town of Bath the sort of thing they did. But after Roman times, the habit of bathing rather fell into disfavour!

SENSIBLE Englishmen believed that baths were bad for one, and even the great lords and ladies of the seventeenth and eighteenth centuries often didn't have baths for months at a time. Of course, one of the reasons why they didn't have baths was the difficulty of heating large amounts of water. And it wasn't until the coming of gas that people realised they could have an endless supply of hot water just by turning the tap on. To-day, constant hot water is a treasure in almost every home. With a gas water heater, you never run short of hot water. Isn't that super?



Issued by the Gas Council.

HERE'S OUR GRAND COMPETITION!



HERE'S WHAT TO DO

These panels each spell the name of something mentioned in the story above, and you can find what they are by writing down the initial letters only of the objects in the order they are shown. Make a neat, numbered list of your answers on a postcard, add your full name, age and address, then post it to: Mr. Therm's Treasure Chest No. 4, Children's Newspaper, 3 Pilgrim Street, London, E.C.4. (Comp.). £2 2s. Book Tokens will be awarded for the three nearest correct entries (with writing according to age taken into account) received by Friday, 26th May.

"GOING PLACES" WINNERS

The winners of our Going Places Competition No. 7 were Rita Mals of Taunton, Helen Stone of London N.W.9, and Bernard Thomas of Blackrock.

GAS FOR LOVELY HOT WATER



BILLY BUNTER GOES ABROAD

What happened to the lighthouse men?

And still manages to find trouble

MEET Billy Bunter on the Grand Tour. The fat owl of Greyfriars is back on BBC Junior TV next Saturday for the first of nine new episodes written by his 86-year-old creator, Frank Richards. This time Bunter breaks bounds in a big way, actually going on a Mediterranean cruise.

It has meant a glorious tour of location filming for Gerald Campion (Bunter) and Jack Melford



(Mr. Quelch) along with producer Clive Parkhurst and the camera team.

First they went to Malta, then to Naples, and on to Venice and Nice. Cairo is also included in the adventures, but I understand the financial budget would not stretch as far as the Middle East, so Bunter's escapades among the pyramids will be enacted against photographs in back-projection.

And how does Bunter, of all people, fetch up in Malta? The story opens with Mr. Quelch setting off on a pleasure cruise on Lord Mauleverer's private yacht.

For a few weeks, at least, he hopes to forget Greyfriars and

Bunter and the rest of the noisy bunch. But, once out at sea, an outsize packing-case bursts open—and you can guess the rest!

Even then there is still time to send Bunter back, but when Quelch falls overboard, it is Bunter who saves his life. So the fat hero is allowed to continue on the cruise.

Unluckily for the boy actors, they did not go on film location. Julian Yardley is back as Harry Wharton. The rest are newcomers to Greyfriars. Bob Cherry will be played by Jeremy Bullock, Frank Nugent by Michael Tennant, Hurree Singh by Hugh Ward, and Johnnie Bull by Gregory Warwick.



Gerald Campion as Billy Bunter

ANGLIA VIEWERS CAN MAKE THEIR OWN MODEL AEROPLANE

WOULD you like a model aeroplane that can fly 200 yards yet costs only 7s. 11d.? You can get one if you live in the region covered by Anglia TV and watch Afternoon Club at 4.40 p.m. on Tuesdays.

Each week until the end of June, handyman John Seymour is showing Anglia viewers how to make the "Anglianaut," a mono-

plane with a 28-inch wing span which was designed by 13-year-old David Greening, a pupil at Paston Grammar School, North Walsham.

Producer Jimmy Hartley told me: "David, who is a member of a local model flying club, was specially commissioned to design a plane that any boy or girl could build. We've tried out the prototype and it flies beautifully for a good 200 yards. It's tough, too, and stands up to knocks and crash landings."

The Anglianaut is powered by rubber and is made mainly of balsa wood, celluloid, and piano wire.

TWO MORE ENTHRALLING STORIES



No. 353 MARION AND THE BOYS OF HIGH MANOR

It was wonderful, thought Marion Sanders, to be in charge of the riding stables that adjoined a famous boys' school. Soon Marion found herself deeply involved in a mystery leading to many strange adventures. Read this exciting novel-length story.

No. 354 WILD DOG OF THE MOORS

Everyone said that Bruce, the old Squire's dog, had gone wild and was a danger to the neighbourhood. Sue Marsden didn't believe it! Her loyalty to her four-footed friend forms the background to a delightful story of life on a farm.

SCHOOLGIRLS' OWN LIBRARY
ON SALE NOW ONE SHILLING EACH

THE DIFFERENCE A TAIL MAKES

A PERFORMING hamster is the star of this Wednesday's *A to Zoo* on ITV, which reaches "R" for rodents. Most rodents have tails, but not the hamster. Said programme researcher Ramona Morris: "To prove how useful tails can be, we put the hamster on a tightrope. Be-

cause he has no tail he cannot get along it, but viewers will see him trying very hard. He turns lots and lots of somersaults, going round in circles on the same spot."

Ramona, who is the wife of Dr. Desmond Morris, compere of the programme, thinks the most

amusing creature in the show will be the acouchi. This little rodent has terrific front teeth. The other day Desmond Morris gave him the run of his office, then found the telephone was out of order. The acouchi had bitten through every wire and cable in sight!

David Attenborough always takes his tape-recorder

WHENEVER David Attenborough scours the world for animal pictures he always takes his tape-recorder. That is why *Zoo Quest* finds its way into BBC programmes on the Home Service next Saturday.

Five years ago, David toured Indonesia in search of rare creatures for TV. On Saturday he will describe some of his adventures and play recordings he made on the spot. Our picture shows him at London Zoo with two ring-tailed lemurs.



CATCHING A SALMON TO ORDER

HE is a brave man who will try to catch salmon and trout to order in full view of the TV camera. Bernard Venables will attempt it on BBC Junior TV next Friday in *Down by the River*, which comes from the banks of the Welsh river Clwyd.

Alun Williams, introducing the programme, will talk to Douglas Iremonger, Fisheries Superintendent of the Dee and Clwyd River Board, whose job it is to see that salmon and trout are plentiful enough to attract fishermen. He will explain why he has to be a "spoil-sport" when over-eager schoolboys try to get away with under-sized salmon.

Everybody is wondering whether Bernard Venables will catch anything bigger.



Valentine Dyall tensely interested in mystery stories. Each fortnight the best of the solutions sent in will be read out and discussed.

All-star cricket match

CRICKET enthusiasts will be bolting their dinner between overs next Sunday if play in the Keystone Cops Charity Match comes up to the standard we should expect from the players. Televised at 1 p.m. by ATV, the match has a county players' eleven meeting an All-Star team.

I hear that the All-Stars will include Frankie Vaughan, Roy Castle, Richard Todd, David Tomlinson, and Chris Chataway.

Top-line cricketers who will appear include the former Northants stars, Frank ("Typhoon") Tyson and Jock Livingstone, and Robin Marlar (Sussex).

The match, in aid of the National Association of Boys' Clubs, will be played in the grounds of Ascott House at Wing, near Leighton Buzzard.



"Typhoon" Tyson hurls himself into action

Venus Probe is nearing its goal

ON Saturday, the Venus Probe launched in Russia on 12th February will reach its closest point to Venus—between 60,000 and 70,000 miles from the planet's surface. It is moving in a path round the Sun, and it will keep on travelling around the Solar System for many millions of years to come—unless, of course, it is destroyed by collision with a meteor.

Unfortunately, we will never know exactly what happens to the Venus Probe. Radio contact with it has not been made since 27th February, and the Russians themselves do not seem hopeful that they will be able to get in touch with it again. Even the Soviet scientists cannot expect an

after it had been launched, we might expect a rocket to reach Venus in 100 times 36 hours. In reality, the situation is more complicated than this.

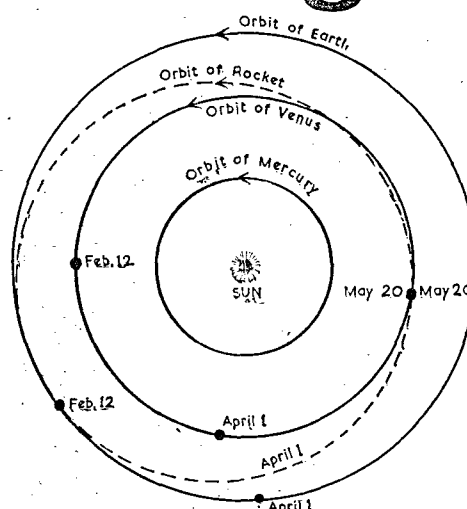
The Moon is our companion in space, and keeps together with the Earth in our journey round the Sun; Venus is moving in a totally different orbit, since its mean distance from the Sun is only 67 million miles as against our own 93 million. When Venus is on the opposite side of the Sun, it is therefore more than 150 million miles away from us. (At present you can see the planet as a brilliant object in the eastern sky before dawn; it is so bright that you cannot mistake it for a star.)

cisely the point where Venus itself happens to be at the time.

The main trouble about this procedure is that the launching has to be completely accurate. The slightest mistake, either in angle or velocity, will mean that the rocket will miss its target not by a few miles, but by thousands or even millions. Neither is it easy to correct the orbit of a rocket once it has been launched.

Nobody seems to be quite sure whether the Russians really meant to land this new probe-vehicle on the surface of Venus. My own impression is that they did not. There is a parallel with events of 1959; the first of the three moonships launched in that year, Lunik I, went past the Moon at a distance of 4,000 miles or so, and then continued its journey into the depths of space. Probably the same procedure was meant to be followed for Venus.

There are many mysteries which may be solved by rocket probes, but in no other way. For instance, what is the surface of Venus really like? We cannot be sure whether it is a bone-dry desert, or whether it is completely covered with



water. Now that the Americans have discovered water-vapour in the planet's atmosphere, the "sea" idea is much the more likely of the two, but when we observe from Earth we are hopelessly handicapped by the fact that we cannot see through the cloudy layer which permanently covers Venus. Radar techniques, applied from a rocket close to Venus, give us the best hope of finding an answer. And has Venus a magnetic field? We believe so, but again we have no definite proof.

In every way, then, it is a pity that the Russians have lost touch with their probe-vehicle. Though the "Venusnik" (as it has been unofficially called!) has become

a tiny artificial planet, the chances of our ever contacting it again are very small indeed, and we must admit that it has been lost forever.

On the other hand, the experiment has certainly not been a waste of time. When signals were last received, on 27th February, the rocket seemed to be well on its calculated course, which was in itself a major triumph. Experience in launching procedure is always valuable, and we may expect that another Venusnik will be sent up before long.

If all goes well, and the radio link is maintained until the new vehicle approaches Venus, we have a good chance of solving at least some of the outstanding riddles of this fascinating, mysterious world.

LOOKING AT THE SKY WITH PATRICK MOORE

unbroken run of successes, and this time it seems that there must have been a fault in the radio transmitters in the rocket itself.

Venus is the closest of the planets. When at its nearest to us it is less than 25 million miles away, which is only about one hundred times as remote as the Moon. Since the second moon-rocket of 1959, Lunik II, hit the Moon's surface only 36 hours

Great quantity of fuel

What we cannot do is to wait until Venus is at its closest to the Earth, and then simply fire a rocket across the gap. This sort of orbit would mean that the rocket would have to go on applying power all the way, and would therefore have to start off by carrying a tremendous quantity of fuel. Instead, what has to be done—and what the Russians actually did—is to put the rocket into a "transfer orbit" of the sort shown in the diagram, working matters out so that the rocket reaches the orbit of Venus at pre-

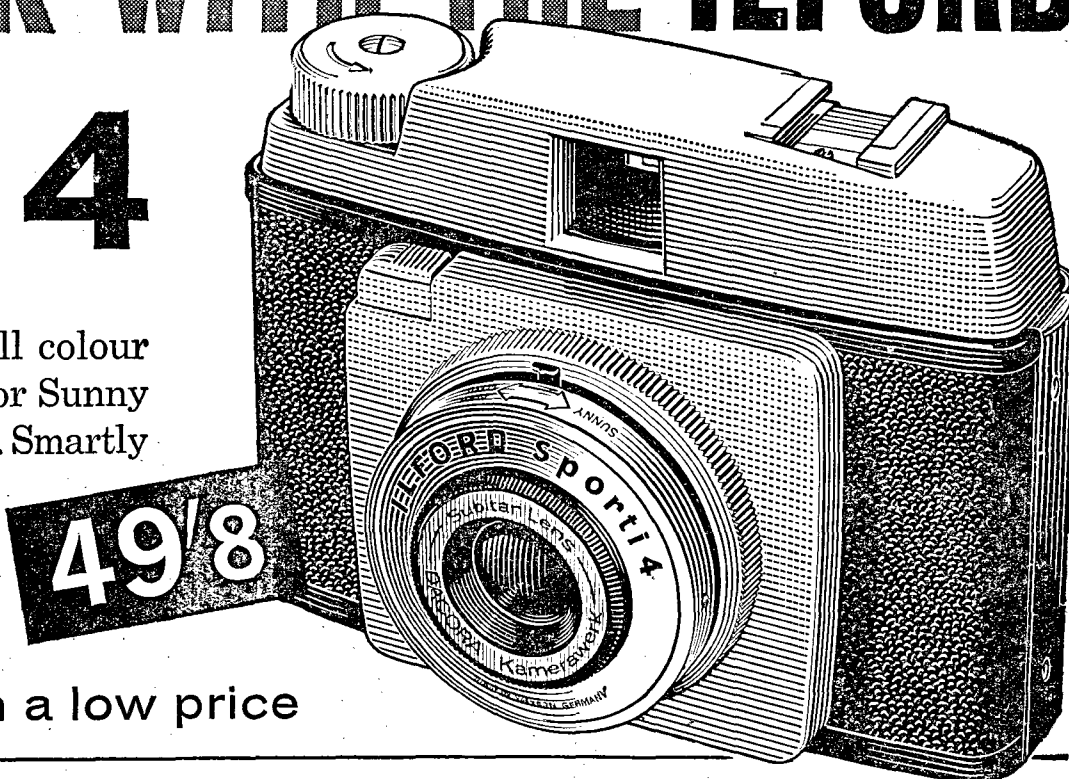
Submarine for fish-watchers

A nine-foot submarine, shaped like a cigar, has been built at Hamburg for the use of fish research scientists. It has no engine, for that would scare the fish away, and will be towed about 100 yards behind a surface vessel. Lying full length in this underwater craft, and looking through its glass nose, an observer will be able to study the habits of fish and provide useful information to coastal fisheries.

YOU'LL CLICK WITH THE ILFORD Sporti 4

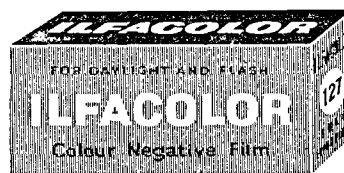
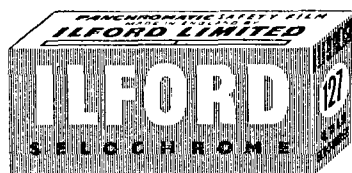
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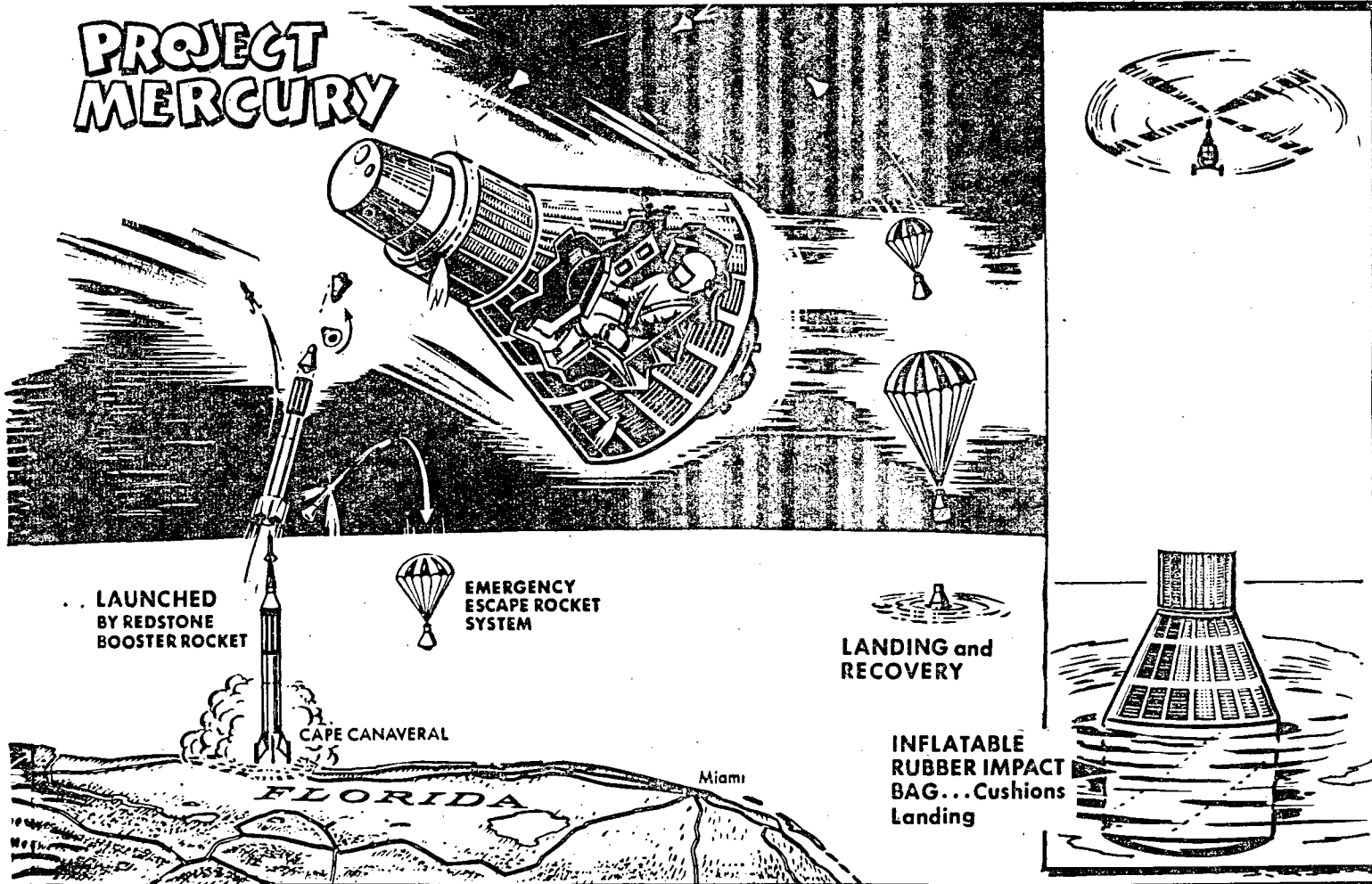
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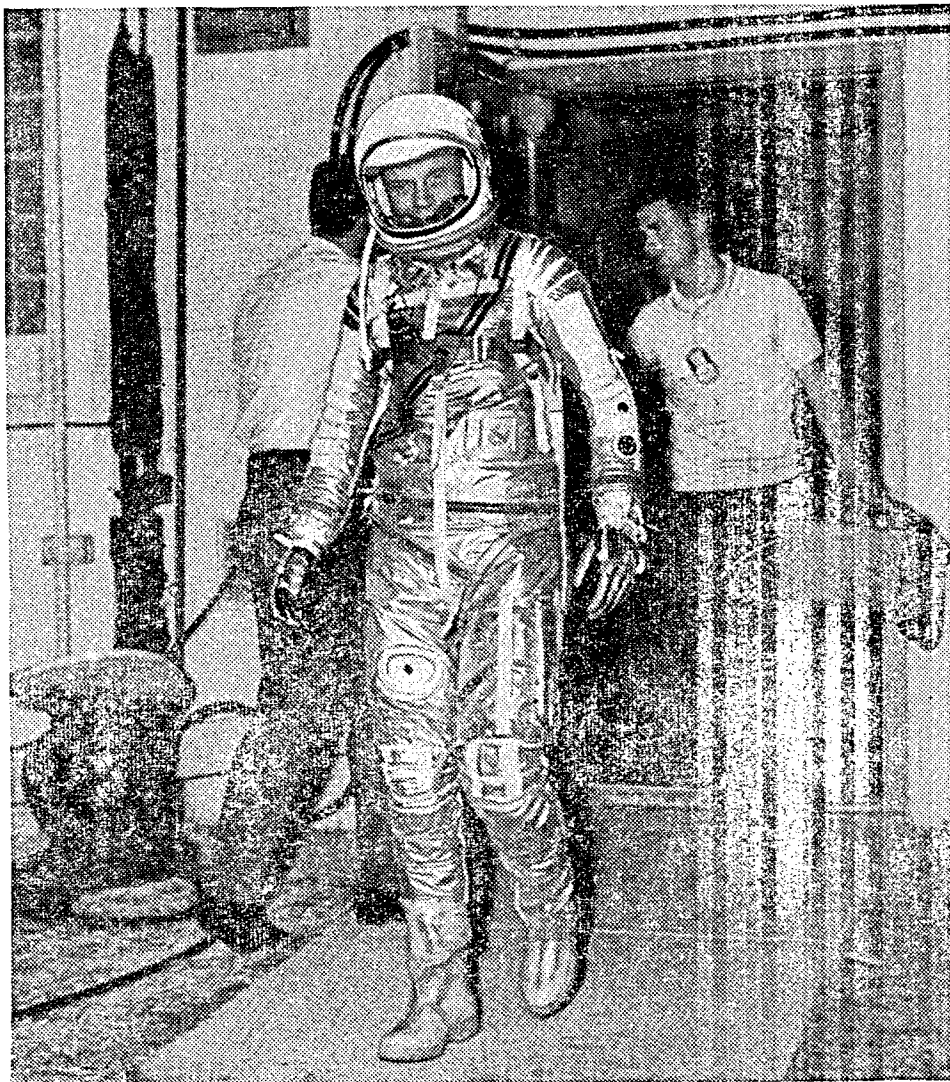
ILFORD famous in black-and-white * fabulous in colour

HERO OUT OF THIS WORLD

PROJECT MERCURY



An artist's diagram of the Mercury Redstone rocket and capsule with its path through space



What the astronaut looked like, dressed for flight



Commander Alan Shepard being helped into his capsule

Everyone has read about the flight into space, and many people's commentary relayed by the news has earned an immortal place in history. It is great for his calm courage.

Now that the Americans, too, have sent a man into space, it is perhaps as well to compare their achievement with those of the Russians. One fact is obvious at once. Major Gagarin, the pioneer Soviet "space man," went right round the Earth in free orbit, whereas Shepard did not. The American flight was of much shorter duration, more in the nature of an up-and-down hop. Moreover the United States vehicle was only about one-fifth the weight of the Russian one.

But it may well be that Shepard reached a greater height. In addition, his capsule was partly under his control while beyond the atmosphere, and certain manoeuvres were carried out. It would be wrong to suppose that Shepard could guide his craft just as he wished, as might have been thought from the American commentator's words during the original broadcasts; but at least he was fully active both mentally and physically. His experiences fully confirm Gagarin's, and we now know for certain that Man is fully capable of invading the realm of space.

paper, 20th May, 1961

RLD By Patrick Moore

Commander Alan Shepard's brief people will have heard the running BBC at the time. Shepard has history, and no praise can be too



Commander Alan Shepard

Now that the Americans have achieved a major success, the question is being asked: "Have they caught up with the Russians?" The answer is, of course, that they have not—at least so far as launching techniques are concerned, for the Soviet scientists are still able to send up much heavier vehicles than their Western colleagues. But with regard to instrumentation, there is probably nothing to choose between the various teams. It is a great pity that the general world situation still prevents the Russian and American scientists from com-

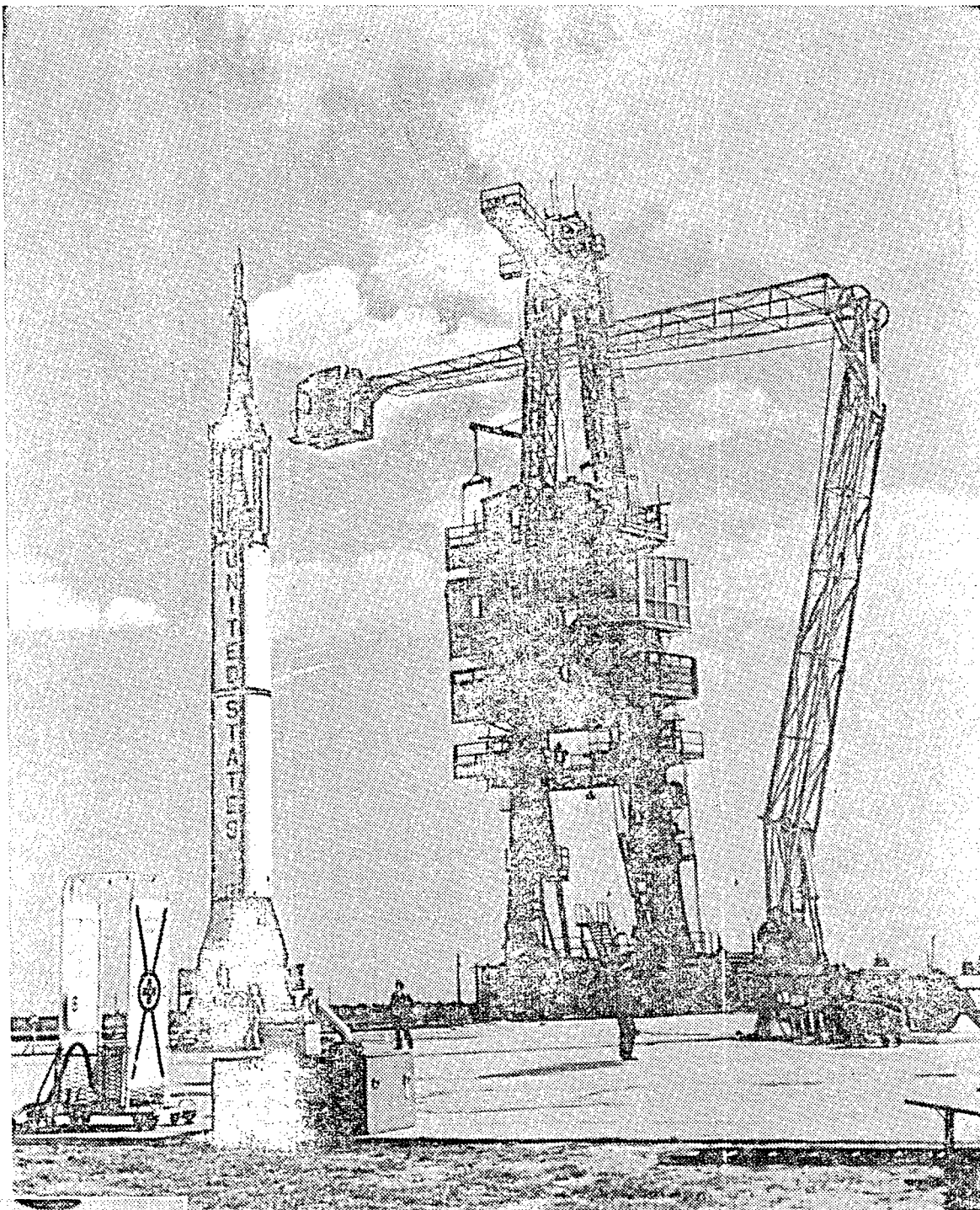
paring notes and working together.

Much has been learned from Shepard's flight. For instance, it seems that he was not in the least uncomfortable during the period when he was experiencing "zero gravity," and was weightless; neither has he been harmed by radiations coming from space. Like Gagarin, he looked at the Earth from outside the atmosphere, and his first message to the ground deserves to be remembered: "What a beautiful view!" he exclaimed. Yet he had little time to gaze at the wonders around him, for all through his flight he was working hard, gathering vital scientific information.

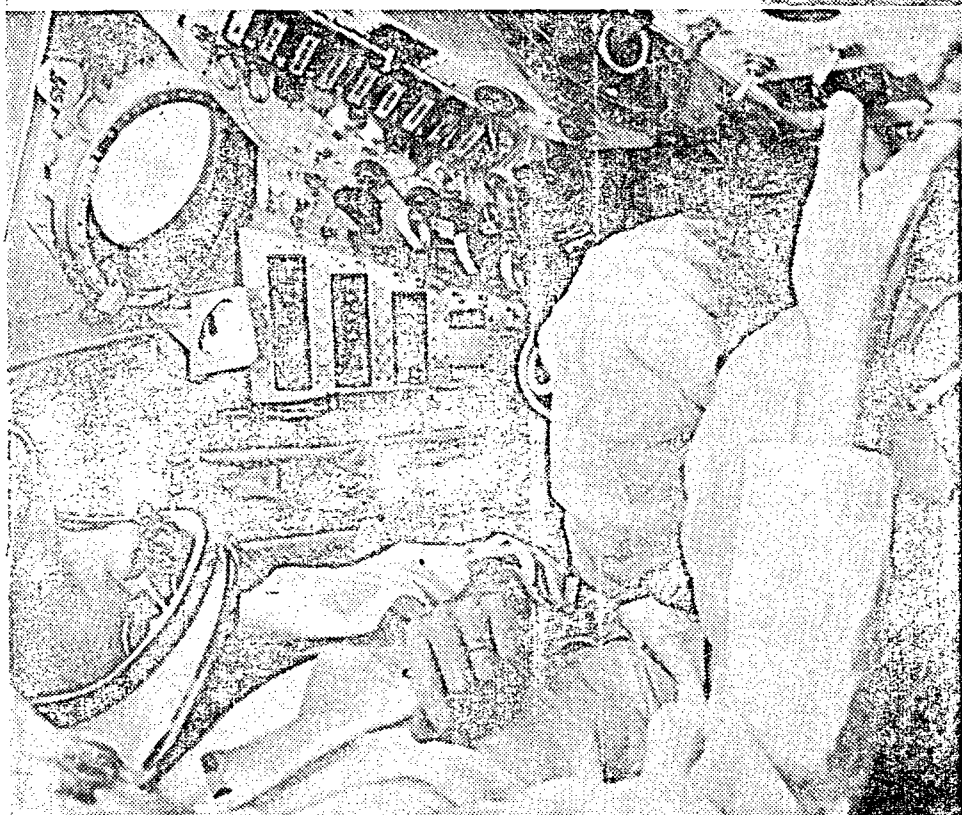
Space flights to come

The next steps in the American programme, presumably, will be to carry out further manned flights, and then to put a human passenger into orbit, so that he will go round the Earth in the way that Gagarin did. There is no reason why this should not be accomplished by the end of 1961 or the beginning of 1962; it may even be earlier. After that it will be time to start thinking about true artificial manned-satellites and orbital observatories. This, in turn, will lead on to the first attempts to send a man round the Moon. Who now doubts that the pioneer landing on the lunar surface will take place in the foreseeable future?

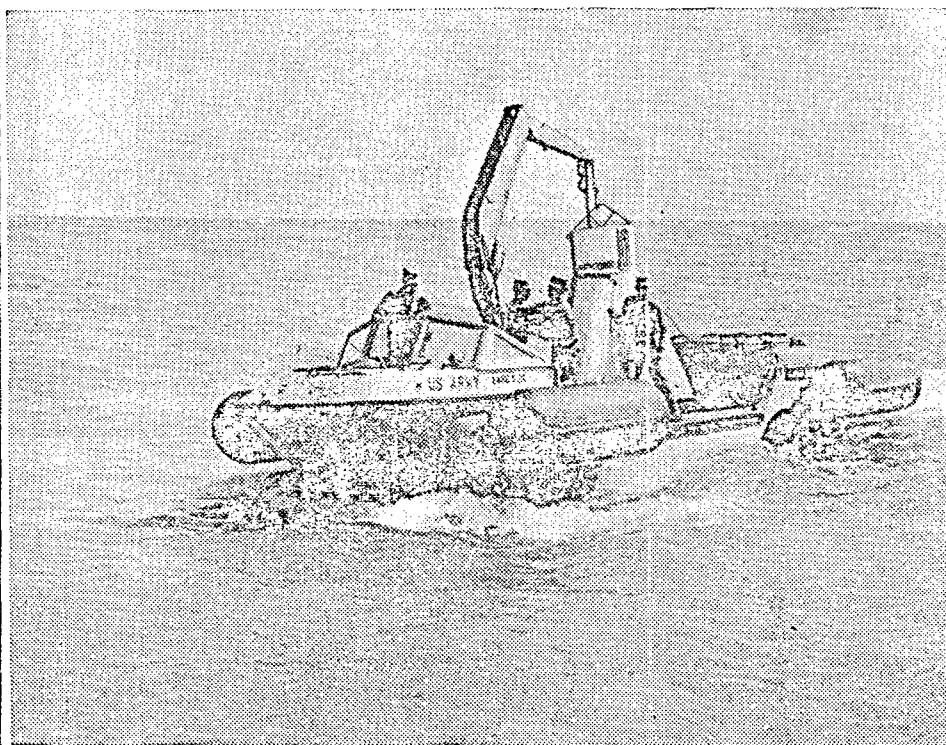
We are living in exciting times, and each year brings its quota of startling developments. Perhaps 1961 has been the most stirring yet. Certainly the names Yuri Gagarin and Alan Shepard will always be remembered; even when interplanetary travel has become common—when reaching Mars and Venus is no longer difficult, and travelling to the Moon as easy as getting to London.



Scene at the launching pad at Cape Canaveral



The indomitable astronaut in the cockpit of the capsule



One of the rescue launches standing by off Cape Canaveral

Birds' little act of make-believe

PROTECTING THEIR YOUNG

It is a common sight, when you come across a hen partridge and her young brood—and there must be many thousands of broods of young partridges in the country at the present moment—to see the mother bird flutter away as if she were injured. If you follow her, you will find that she is not as injured as all that. She will go on fluttering just out of your reach till you have got well away from the young birds; then she will suddenly regain her normal flight as if by magic, and whirr away over the fields.

This sort of behaviour can be noticed in many kinds of birds that nest on the ground. Mallard ducks will do it, and so will most kinds of plover and other waders; even warblers and buntings that nest on the ground have been seen to flutter away from their nest as if injured in some way.

Now this looks as if the birds were being very intelligent indeed, luring you away from their nest or young birds till you are out of the danger zone, and then flying off to safety themselves. But although birds are intelligent, this is not one of the ways in which they show their intelligence.

Instinctive action

There is good reason to suppose that these "gallant" birds are acting in a completely instinctive way, that is to say automatically and without any conscious control over their movements.

We all know that at times, while doing one thing, we suddenly see that something else quite different needs to be done quickly; and that then we are liable to become a bit confused, not knowing quite which to do. We might, for instance, be balancing a full cup of tea in one hand and a pile of crockery in the other, when suddenly we see that a saucepan of milk is about to boil over. Because we do not know quite what

to do first, we may end by spilling the tea, dropping the crockery, and letting the milk boil over as well.

Something like this confusion of different urges to action is responsible for "injury feigning" in birds. The hen bird (or occasionally the cock) may be brooding the eggs, or accompanying very young offspring. A very powerful emotional urge ties her to the nest and young birds, which she is very reluctant to leave.

Suddenly there is a threat to the nest or young. It may be a man or a cow approaching the nest and liable to tread on it, or it may be a predator, such as grey squirrel, a weasel, or a hawk that threatens the young. Her immediate instinct then is to escape from the danger. She has an urge to fly away that is as powerful as the urge she already has to stay by her nest or young. What can she do? Which urge will win?

The result is what we call injury feigning, and see as a brave effort to distract the attention of the man, beast, or bird that is threatening the nest or young by luring him or it away. The resulting behaviour of the mother bird is produced by the conflict of urges; it is a mixture between



A partridge with her young Eric Hosking

flapping about in a panic and making a good getaway.

Clearly, if the mother bird actually let herself be caught by the enemy, that would do her young no good, so the completely instinctive behaviour that has in fact evolved as a result of the conflict of urges does in fact distract the enemy's attention, and leads him or it away from the nest or young.

RICHARD FITTER

ROCKET EXHIBITION FOR SCHOOLS

Schools can now borrow little exhibitions of meteorological rockets from the British Interplanetary Society. The material is available without charge and includes descriptive panels, rockets mounted on stands, component parts, and a nose cone recovered from a height of over 100,000 feet.

Full details can be obtained from the Society's headquarters at 12 Bessborough Gardens, London, S.W.1.

ON RECORD

New discs to note

GEOFF LOVE: *Coronation Street* on Columbia DB4627. Eric Spear's theme music for the television serial has become a firm favourite over the past few months so it will be good news for record-buyers that the Geoff Love Orchestra has made this excellent recording. The theme is mainly played by the trumpet. (45. 6s.)

NINA and FREDERIK: *Sucu-Sucu* on Columbia DB4632. Nina and Frederik wrote the lyrics for this Spanish melody which they sing with an irresistible "foreign" accent. The orchestral backing is catchy and the disc should prove very popular with Nina and Frederik's many admirers in this country. (45. 6s.)

Southern Folk Heritage: Volume V. American Folk Songs For Children on Decca LTZK15213. Apart from enjoying the music, the disc-collector will be pleased with this record because it gives a great deal of information about the origins of children's songs in America. Although several of the tunes are familiar there are others which will be new to British ears. (LP. 35s. 9½d.)

STEVE PERRY: *Because They're Young* on HMV POP745. Steve is a wide-awake young man in



his teens who has realised that in the entertainment world a steady climb is better than too swift a success. He has continued his singing lessons, and worked hard and there are many reasons for supposing that Steve will be a star one day. His song here is full of charm, with most appealing lyrics. (45. 6s. 4d.)

DAVID KERNAN and JUDY CARNE: *Late Last Evening* on Decca F11347. This is a song from the revue *On The Brighter Side* and those who have watched the television series of that name will already know David Kernan, an attractive young singer. Judy Carne, of course, has been a member of the *Juke Box Jury* and she has a voice as bright as her personality. Together they sing this unusual duet, which has been the hit of the show. (45. 6s.)

TENNESSEE ERNIE FORD: *Dark As A Dungeon* on Capitol



CL15190. The deep rich voice of Ernie Ford is well suited to this story of life in a mine. The finger-clicking accompaniment adds atmosphere, and Ford has never been in such good voice. (45. 6s. 4d.)

TERESA BERGANZA: *Eight Basque Songs* on Decca CEP690. The Basque country, partly in France and partly in Spain, has bred a people who are proud of their dances and their music. They have their own language, a fascinating one, which is heard to great advantage in these songs. Spanish soprano Berganza obviously loves these melodies and her enjoyment is shared by her listeners. (EP. 14s. 7d.)

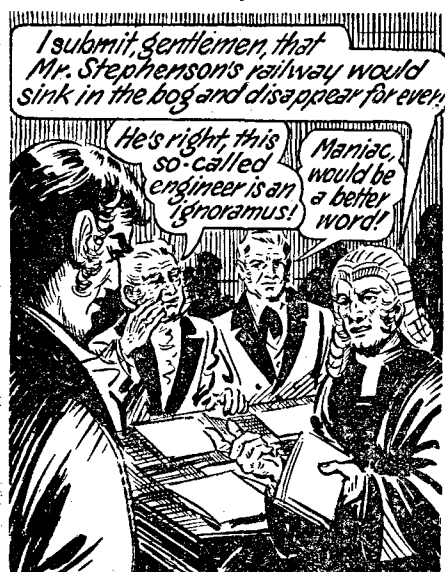
GEORGE FORMBY: *Souvenir* on Decca Ace of Clubs ACL1062. This is a selection of all the popular George Formby songs, among them *When I'm Cleaning Windows* and *Leaning On A Lamp Post*. The record will be most welcome to all who enjoyed listening to this likeable comedian. (LP. 21s.)

GEORGE STEPHENSON—Father of the world's railways (8)

After George Stephenson had surveyed the route for the Liverpool and Manchester line, an

Act of Parliament was sought to build the railway. Before a House of Commons committee, opponents

of the scheme attacked George's proposal to lay the line across a swamp called Chat Moss.



CAN THE ENGINEER TRIUMPH OVER THE SWAMP? SEE NEXT WEEK'S INSTALMENT

The Children's Newspaper, 20th May, 1961

Jennings suspects a strange man he has seen in Miller's Wood of being a spy. He is, in fact, Dr. Tiddyman, a famous naturalist, whom the headmaster has invited to lecture to the boys. Temple informs his friends that they are to assemble in the hall, and Jennings, realising the projector will be needed, is anxious to restore the lens which he has borrowed without permission.



JUST LIKE JENNINGS

by Anthony Buckeridge

12. Surprise item

JENNINGS hurried towards the door only to be halted by a further announcement from Temple.

"By the way, Old Wilkie's looking for you, Jen. I heard him charging round the basement like a bull on a bicycle bellowing for you as I came up the stairs."

Jennings looked puzzled. Mr. Wilkins couldn't possibly know who had removed the vital piece of equipment so he must want to see him about some other matter altogether. All the same, it would be as well if the glass was not actually in his possession when he was confronted by Mr. Wilkins. . . . Perhaps Darbshire would oblige!

"Hey, Darbi, do me a favour," he said, slipping the lens into his friend's hand. "Take this down to the hall and put it back where it belongs. You've only got to screw

shall have to cancel the slides. The machine's not in working order."

"It's working perfectly," his colleague protested. "I've just been trying it out."

"Eh! But there's no lens on the thing."

Mr. Carter raised a surprised eyebrow. "I don't know what gave you that idea. The lens is in place as large as life."

"Yes, sir. Mr. Carter's quite right," Jennings chimed in helpfully. "I told Darbshire to put it back when he went down for the lecture, sir."

Mr. Wilkins wheeled round on his youthful informant. "You told him to! . . . You mean to say you had it all the time!"

"I only borrowed it, sir," Jennings defended himself. "I needed it for my fingerprinting experiments."

them came Mr. Carter carrying a tape recorder.

For some seconds Jennings gaped at the lecturer in stupefied astonishment. Then he nudged Darbshire in the ribs and whispered: "Look! It's our spy! What on earth's he doing here?"

Darbshire, too, was flabbergasted by the unexpected turn of events. "It can't be!" he breathed. Were his eyes deceiving him? He cleaned his spectacles on his tie and had another look. "But it is, though, isn't it! Do you think the Head knows who he really is? Oughtn't we to tell him before it's too late?"

"We can't tell him now—not in the middle of the lecture. Perhaps we could tell him afterwards—before the chap has a chance to make a get-away."

In a whirl

Their brains were in too much of a whirl for them to listen attentively as the headmaster introduced the speaker. But gradually odd phrases seeped through their minds. "Dr. Tiddyman . . . famous naturalist . . . recordings of bird song . . . Miller's Wood . . ."

It was enough; they understood then, and accepted the solution with a mixture of disappointment and relief.

As a lecturer Dr. Tiddyman was a great success and for 45 minutes he held his young audience enthralled by describing his observations of wild life. His coloured photographs of birds both rare and common were accompanied by recordings of bird song which he had made in various parts of the country. Mr. Wilkins was kept busily occupied at the projector, and only occasionally did some feathered songster appear upside down upon the screen.

Most popular feature

And when at last the programme of bird song was over, Dr. Tiddyman surprised his audience with an item which proved to be the most popular feature of the afternoon.

"Now, before I sit down I'm going to play you one final recording which I made last Sunday afternoon," he said with a smile. "This record is rather different from the others. As you will hear, a blackbird is disturbed in the middle of its song by two unidentified animals who approached near enough to the microphone to record their own—ah—distinctive animal noises. I think you will agree that this is a most unusual and rare recording."

He switched on the machine and the song of a blackbird chirruped loud and clear through the assembly hall. After a few

seconds there came a sudden squawk as the bird took fright and flew away. There was a pause and then a well known voice sounded at full volume through the loud-speaker.

"This is just as good as getting his fingerprints," it said. "We'll keep tabs on him and see what he does, and if we can prove he really is a spy we'll get in touch with the police."

"H'm! You'll need more than proof to satisfy the police. You have to provide motives and things as well or they won't listen to you." And this time the voice from the loud-speaker was that of Charles Edwin Jeremy Darbshire.

"Motives?" A short pause and then: "But I haven't got any motives. I haven't even got his prints on the bottle."

The audience, spellbound, leaned forward in their seats as the duologue went on . . . And in their midst the unwitting authors of the surprise item sat stunned with amazement at the sound of their own voices.

In a few moments it was all

over and as the voices died away there was a burst of good-natured laughter and a round of applause from the delighted audience.

Darbshire blew his nose to cover his confusion, but Jennings was quite unabashed, and when the tumult had subsided he turned to his friend and whispered: "Never mind, Darbi. We jolly nearly caught a spy; and we would have done, too, if he'd really been one."

"It isn't only that that worries me," Darbshire whispered back. "It was our voices shouting out like that all over the assembly hall. I didn't know where to look."

"Chronic hoo-hah"

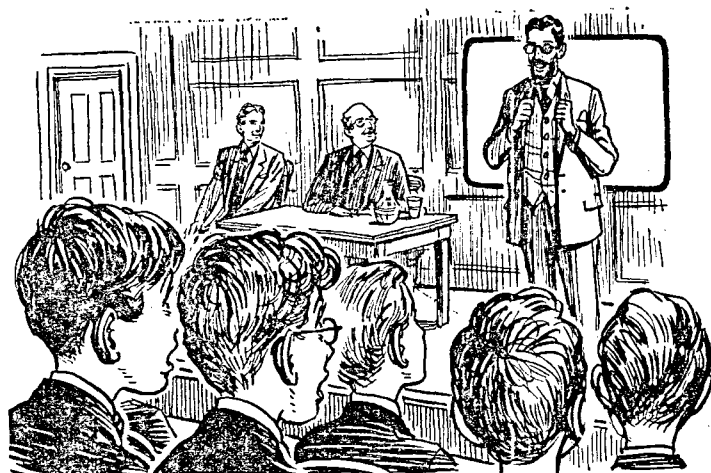
"I rather enjoyed that part," said Jennings. "In fact, I wish we'd gone on talking a bit longer. I was jolly interested in listening to what I'd got to say."

"Maybe you were, but what's the Head going to say? I bet there'll be a chronic hoo-hah over this."

Jennings stole a quick glance at the platform where Dr. Tiddyman had just sat down and Mr. Pemberton-Oakes was rising to make a speech of thanks to his guest. Judging by their smiling faces it seemed unlikely that either of them was in the mood to cause trouble over a slight misunderstanding about an alleged secret agent.

"It'll be all right," Jennings decided. "You can always tell when the Archbeako's going into the

Continued on page 10



Jennings and Darbshire sat stunned at the sound of their own voices

it on the front. It's quite easy."

When Darbshire had departed on his errand Jennings went in search of Mr. Wilkins. He met him emerging from the library with a worried expression on his face.

"Oh, there you are, Jennings!" the master greeted him. "I understand from Blotwell that you are the proud owner of a magnifying glass."

"No, I'm not the owner, sir," Jennings replied truthfully. "I did—sort of—have the use of one, but I haven't got it any longer."

Mr. Wilkins turned away with a shrug of disappointment. "Well, that's my last hope gone. I don't know what I'm going to do now."

At that moment Mr. Carter came up the stairs from the assembly hall where the boys were now taking their places in readiness for the lecture.

"It's time you were going down, Wilkins. Dr. Tiddyman will be ready to start in a few minutes," he said.

The projectionist pulled a long face. "It's no good, Carter. We

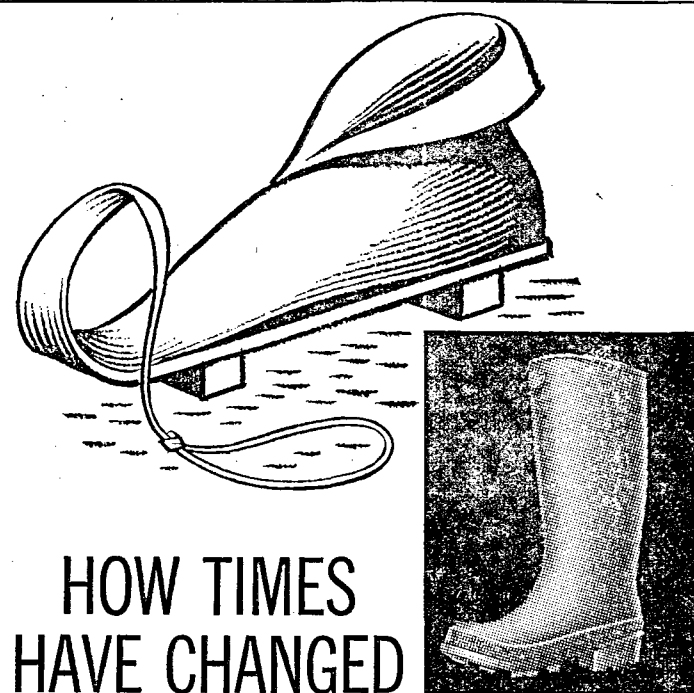
"But you told me a moment ago that you hadn't got a magnifying glass!"

An expression of wide-eyed innocence spread across the boy's face. "Yes, that's quite right, sir. I hadn't," he said. "So that's why I had to borrow the lens off the projector instead."

An explosive hissing sound such as might have been made by a vacuum brake burst from Mr. Wilkins' lips, and he waved his arms like a hitch-hiker thumbing a lift. "Doh! This is fantastic! There was I, running round in circles looking for the thing, and all the time . . ."

When the crisis had passed Mr. Carter said: "Never mind that now, Wilkins. It's high time we went down and got ready for the lecture."

Jennings was one of the last to arrive at the assembly hall where he found a seat next to Darbshire. Soon the buzz of chatter subsided as the door at the far end of the hall opened and Mr. Pemberton-Oakes ushered his distinguished visitor on to the platform. Behind



HOW TIMES HAVE CHANGED

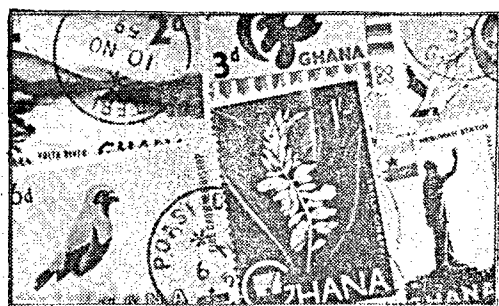
Six centuries ago the elegant shoes worn in Court circles had wooden "pattens" on the soles to provide protection when worn outdoors.

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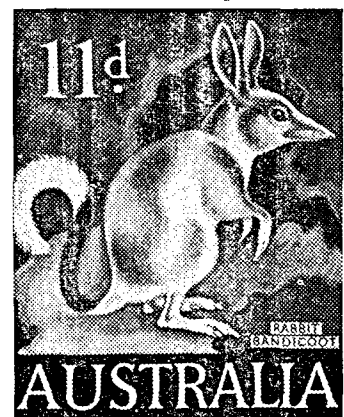


Animals for your stamp album

If you collect the stamps of a particular country, or a group of countries such as the British Commonwealth or the South American republics, mounting new issues in your collections is not a difficult matter.

Each new series can be arranged on your album page underneath the stamps which were issued immediately before it. This arrangement of stamps according to their dates of issue is known as "chronological order."

A more difficult task confronts the collector who specialises in



stamps illustrating a favourite subject or theme, such as aircraft, railways, flowers, or athletics. The problem here is that stamps for the theme may come in ones and twos from countries all over the world.

For instance, a neat row of stamps depicting swimmers may no sooner be arranged on the album page than along comes another new swimming issue. The collector is tempted to move the stamps that have been mounted in order to make room for the newcomer. This takes a long time and is not very good for the stamps—they may easily be damaged by so much handling.

The answer to this problem is simply not to mount stamps in

JUST LIKE JENNINGS

Continued from page 9

attack and he looks quite safe at the moment."

A few minutes later the school was dismissed from the assembly hall and dispersed to the classrooms for the last lesson of the day.

One thing remained to be done, Jennings reminded himself, and the sooner he attended to it the better. Accordingly he did not make straight for his classroom but went instead to the common room and took the letter he had written to the Chief of Police from his writing case. What a good job he hadn't posted it already, he thought!

Slowly and deliberately he tore the sheet of paper into 32 small pieces and dropped them into the wastepaper-basket.

To be continued



your thematic collection until you have enough specimens to fill a complete page. Once a full page of swimmers or butterflies or motor-cars has been mounted, resist all temptations to re-arrange it. Save the later issues until you are ready to fill another page.

A stock-book is useful for keeping loose stamps which are waiting to be mounted. The book consists of a dozen or so thick pages with horizontal strips of transparent paper forming pockets into which the stamps can be slipped. Stock-books cost from about five shillings upwards, according to size, and almost every dealer has a selection of them for sale.

One of the most popular subjects for a thematic collection is "A Stamp Zoo." Pictured here are some of the latest issues showing animals from various parts of the world.

The bright-eyed little creature on the new Australian 11d. stamp is a rabbit bandicoot. This is a member of the same family as the kangaroo, for it carries its young in a pouch. Like the rabbit, however, it sleeps in a burrow all day and feeds at night.

An attractive study of the African lion is to be found on the new 5-cents stamp of South Africa. Kenya, Angola, and Southern Rhodesia are other countries whose recent issues have featured lions.

A series of stamps due to be issued in Luxembourg this week adds three more animals to the stamp zoo. They are a horse, a dachshund with a shining brown



coat, and the contented-looking tabby cat pictured here.

Zoo series are also being prepared for issue in Belgium, Ethiopia, and Albania.

C. W. HILL

JOB AND HOBBY TOO



After their day's work on the Romney, Hythe, and Dymchurch Light Railway, these loco drivers spend their leisure with a five-inch gauge model railway behind the sheds.

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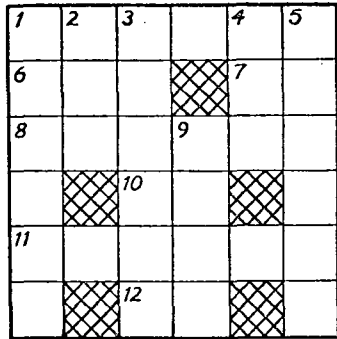
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PUZZLE PARADE



Answer next week

Cross-mot Puzzle

How good is your French? In this Anglo-French puzzle the words across are French and the words down are English. Clues are in English for French words, and in French for English words. Even if you do not know all the French words, you should still find them; in fact, this is quite a good way of learning them.

READING ACROSS: 1 Sun. 6 United. 7 Laughed. 8 Negroes. 10 Exclamation. 11 Entrance. 12 Personal pronoun.

READING DOWN: 1 Coucher de soleil. 2 Un. 3 Lumières. 4 Colère. 5 Ecouter. 9 Pas souvent.

HAPPY HIPPO

SAYS Hippo, swimming in the pool,

"I never have to go to school, There is no need For me to read."

Says Hippo, basking on the shore, "I can't take two from twenty-four,

I often chuckle with delight To think I never have to write."

Says Hippo, lifting up his head, "I'm never told, 'It's time for bed,'

My feet are wet—but there's no fuss, I'm glad I'm Hippopotamus!"

THIS WEEK'S BIRTHDAYS

If you have a birthday this week you share it with one of the following famous people:

- 14th May Robert Owen, social reformer.
- 15th May James Mason, actor.
- 16th May H. E. Bates, novelist.
- 17th May Edward Jenner, vaccination pioneer.
- 18th May Dame Margot Fonteyn, ballerina.
- 19th May Sir Michael Balcon, film producer.
- 20th May John Stuart Mill, philosopher.

FRUITS AND TREES

The names of trees and the fruits they bear are given below, but not in the correct order. Can you pair them?

Hips, hawthorn; acorns, horse-chestnut; haws, blackthorn; conkers, wild rose; sloes, oak.

Hunt the whistle

THE idea of this amusing game is to get the victim searching for an object which he already possesses!

The players sit in a circle, and one who does not know the game is chosen as "hunter." Kneeling in the centre he is shown a whistle. Then he is blindfolded and at the same time the whistle is fastened very gently by safety pin to his coat.

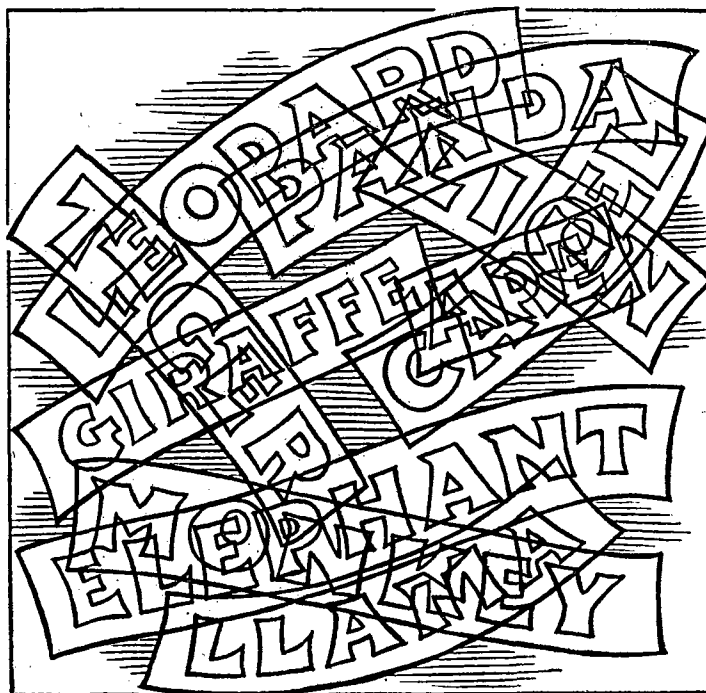
The game begins by one of the players blowing the whistle, and the "hunter" gets to his feet to begin the search. While he is doing so other players can come up, blow the whistle, and then run off. If carefully done, the hunter will spend a long time in searching before discovering the trick which has been played on him.

Among the capitals

First re-arrange the letters in each of the jumbled words below to form the name of a capital city; then name the countries with which each is concerned. If you do so correctly you will find that the initial letters of the countries will form the name of a sixth country.

Aehnst; abdepstu; aaint; loos; aeinnv.

ANIMALS IN LINE



EACH "label" bears the name of a well-known animal. How many can you name?

ALL CHANGE!

In this word puzzle, the two incomplete words in each sentence are anagrams; that is, they consist of the same letters rearranged. The dots stand for the missing letters. Example: danger, ranged.

Answers are given in column 3

1. T away this old box; it is not w keeping.
2. This juicy p is very c at the price.
3. I can cover the intervening s with three p
4. Shepherds I their flocks up hill and down d
5. The spilt milk made an ugly s on her beautiful s dress.
6. They took g in order to shoot the g

ANSWERS TO PUZZLES

LAST WEEK'S ANSWER

RAMPS OVA
OBE OTTER
TOR FACTS
VITAL TO
METE OVEN
A PANEL
TAPIR NUB
ERODE ODE
RED ARMED
Fruits and trees. Hips, wild rose; acorns, oak; haws, hawthorn; conkers, horse-chestnut; sloes, blackthorn. Animals in line. Tiger; leopard; lion; panda; giraffe; ape; camel; elephant; monkey; llama.

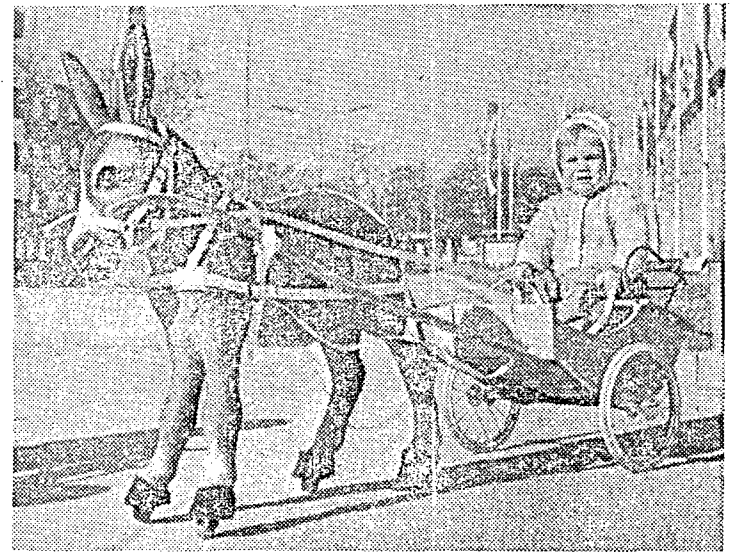
Among the capitals.

Athens — Greece
Budapest — Hungary
Tirana — Albania
Oslo — Norway
Vienna — Austria

ALL CHANGE!

1 throw, worth. 2 peach, cheap. 3 space, paces. 4 lead, dale. 5 stain, satin. 6 guns, gnus.

SMART TURN-OUT



This smart carriage-for-one was seen recently at a toy fair in Nuremberg, West Germany. Pedals drive it along.

Butterfly flu

A BUTTERFLY peeled off his chrysalis coat

On a fair-seeming day in the Spring.

It was rash, he had heard, to lay garments aside,

But he felt a wild wish to take wing.

And then with a shiver, he noticed the wind,

And that East was the point whence it blew.

So he flew in disgust to a crack in the bark

Of an oak which adjacently grew, And there he remained till the weather turned warm

And relieved him of Butterfly flu!

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Still plenty of space!

Although space travel opens up exciting possibilities for the future, it's a bit early to plan a trip to Venus. For 1961, you'll have to make do with the Earth. There are still plenty of wide open spaces and thanks to youth hostels you can easily explore them. No astronomical expenditure is involved—the down-to-earth charges bring hostelling within the reach of all.

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Off on the World Cup trail

ENGLAND'S international footballers set off on the World Cup trail on Sunday when they meet the greatly improved Portuguese team in a qualifying match at Lisbon.

The preliminary rounds of the World Cup are played on a home and away basis, so Portugal will be playing the second leg in England next season. The final stages will be played in Chile in 1962.

England and Portugal have met five times since the war. The first meeting, at Lisbon in 1947, ended in a 10-0 win for England, and our players have won three times since. But at Oporto in 1955 Portugal won 2-1.

However the England players will go out full of confidence—

as well they might, for it is many years since an England side have had such a successful season. Altogether 19 players have been included in the party, for after the Lisbon game the party go on to play in Italy and Austria.

Wales are also playing in the World Cup this week. On Wednesday they meet Spain in Madrid for the second leg of their tie. The Spanish team won at Cardiff a few weeks ago, and unless the Welshmen can overcome a one-goal deficit, it will mean their exit from the 1962 World Cup tournament in Chile.

Scotland have already made sure of their place in Chile by beating the Republic of Ireland.

FATHER AND SON—PARTNERS



Sir Leonard Hutton and his son John, partners in a foursome at the West Hill golf course, Brookwood, Surrey, practice on the putting green beforehand.

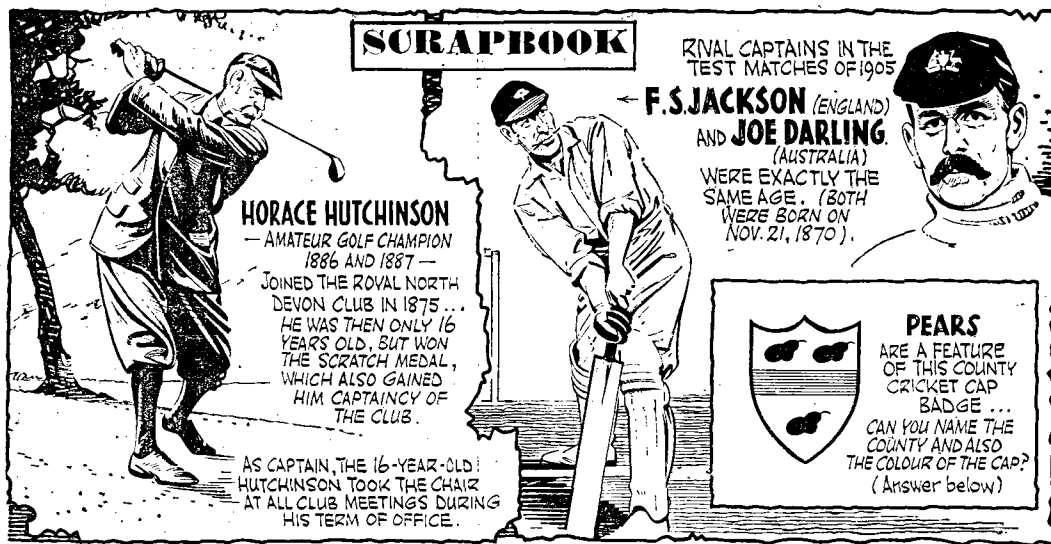
ON HIS WAY TO A BLACK BELT

WHEN the 1964 Olympics are staged in Tokyo, judo will be included for the first time—and Bobby Boulton, 17-year-old South London judo enthusiast, intends to be there as a member of the British team.

To achieve his ambition, Bobby has given up an apprenticeship in the printing trade to take a three-year judo course in Japan. He

will live with Mr. Ichiro Hatta, a leading judo expert and a vice-president of the Japan Olympic Association, and study the language at Tokyo University.

Bobby has been interested in judo since his early boyhood and has achieved the brown belt standard. He hopes to become a black belt, the highest of judo rankings, when he starts his training in Japan.



New job for Don Welsh

IN 1934 Donald Welsh left the Royal Navy to play football for Torquay United. Twelve months later he joined Charlton Athletic and became one of the greatest inside-forwards in the country. He captained Charlton to Cup Final victory in 1947 and played several times for England. Later he became manager of the Liverpool and Bournemouth clubs.

Now he has accepted a new appointment—as manager of Clubland, the famous youth centre in Camberwell, London.

Founded by the Rev. James Butterworth before the war, the £100,000 centre was opened in 1939. It was bombed during the war, and the Rev. Butterworth travelled in America to collect funds for the rebuilding. Clubland was rebuilt and today is one of the finest youth organisations in the world.

Tips for young swimmers

"NOTHING written can surpass the personal touch," writes Commander Gerald Forsberg in *First Strokes in Swimming*, published by Routledge and Kegan Paul at 12s. 6d. The famous marathon swimmer then does his best to disprove the statement.

In a simple chatty way he sets out to teach youngsters to swim and dive—not to be experts or champions, but merely to gain confidence in the water and to get from A to B.

He almost makes up for the lack of personal touch.

SCRAPBOOK:
Worcestershire (Green)

NEWCOMERS IN BRITAIN'S TEAM FOR RUSSIA

FIVE young newcomers to international swimming appear in the British team to meet Russia in Moscow this Saturday and Sunday. They are Elizabeth Long (14); Alison Turnbull (16); and Lesley Green, Terry Grenville, and Alan Briggs, all 17 years old. They were included in the team after winning their races in the international trials held earlier this month.

Another member of the party is Margaret Edwards, the former world record back-stroke holder, who was left out of last year's Olympic team. In the trials Margaret showed that she has regained all her old power. She first beat

Olympic silver medallist Natalie Steward in the 110 yards and then equalled the world record in the 220 yards.

Another former "regular" in the team is Diana Wilkinson, who is making a determined attempt to regain her position as Britain's leading freestyle sprinter.

SISTER NELL



Nell Truman, younger sister of Christine, in action at a recent tournament.

GLYN RETURNS TO GERMANY

GLYN PARDOE, 14-year-old Winsford boy who recently led the England Schoolboys' attack in a soccer international in Hagen, Germany, is to return to Germany with Cheshire Schools' eleven.

He is one of 16 players who will tour Germany at Whitsun, playing two matches in Stuttgart. This is the first tour outside the country ever undertaken by Cheshire, who are also believed to be the first county to play on the Continent.

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